# Substitute Declaration for Patent Application

As a named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated next to my name;

ANTI-THE ANTIBODIES AND PEPTIDES OF HUMAN TUMOR NECROSIS
the specification of which (check one)
// is attached hereto.
/X / was filed onFebruary 4, 1994as Application Serial No08/192,861 and was amended on (if applicable).
I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.
I acknowledge the duty to disclose information which is known by me to be material to patentability as defined in 37 C.F.R. §1.56.
I hereby claim foreign priority benefits under Title 35, United States Code, §119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:
Prior Foreign Application(s) Priority Claimed
(Number) (Country) (Day/Month/Year filed) / / / Yes No
(Number) (Country) (Day/Month/Year filed) / Yes No
(Number) (Country) (Day/Month/Year filed) / / / Yes No

08/010,406	January 29, 1993 Pending
(Application Serial No.)	(Filing date) (Status, patented,
	pending, abandoned)
08/013,413	February 2, 1993 Abandoned
(Application Serial No.)	(Filing date) (Status, patented,
	pending, abandoned)
07/943,852	September 11, 1992 Abandoned
(Application Serial No.)	(Filing date) (Status, patented,
	pending, abandoned)
07/853,606	March 18, 1992 Abandoned
(Application Serial No.)	(Filing date) (Status, patented,
( <u>F</u> <u>F</u>	pending, abandoned)
07/670,827	March 18, 1991 Abandoned
(Application Serial No.)	(Filing date) (Status, patented,
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David E. Brook	Registration		
James M. Smith	Registration		
Leo R. Reynolds	Registration		
Richard A. Wise	Registration	No.	18,041
Patricia Granahan	Registration	No.	32,227
Mary Lou Wakimura	Registration	No.	31,804
Thomas O. Hoover	Registration	No.	32,470
Alice O. Carroll	Registration	No.	33,542
Carolyn S. Elmore	Registration	No.	37,567

all of Hamilton, Brook, Smith and Reynolds, P.C., Two Militia Drive, Lexington, Massachusetts 02173;

	Send o	corresponde	nce to:	Dav	id E.	Brook	, Esq.		
		HAMILTON,	BROOK,	SMITH	& REYN	IOLDS,	P.C.		
	Two	Militia D	rive, I	exingto	n, Mas	sachus	setts	02173	
	Direct	telephone	calls	to: <u>D</u>	avid E	. Bro	ok, Es	g.	
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		Address	Same a	s above					
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Resid	lence_		1510 C	ak Cree					
				lto, Ca	liforn	<u> 11a 9</u>	4304		
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Post	Office	e Address	Same a	s above					
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Fourth Inventor's	
Signature	Date
Residence	3202 Raye Road
	Thorndale, Pennsylvania 19372
Citizenship	US
Post Office Address_	Same as above
Full name of fifth jo	
inventor, if any	David M. Knight
Fifth Inventor's	Date
Signature	
Residence	2430 Whitehorse Road
	Berwyn, Pennsylvania 19312
Citizenship	US
Post Office Address_	Same_as above
Full name of sixth jo	
inventor, if any	Scott A. Siegel
Sixth Inventor's	
Signature	Date
	6 Piccadilly Way
Residence	Westborough, Massachusetts 01581
Residence	Webeset and the second
Residence	US

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content	hereby state t s of the above as amended by	-identified	specification	on, inc	luding the
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United or invebelow a certifi	hereby claim f States Code, § ntor's certifi my foreign app cate having a ch priority is	119 of any fate lication for filing date	oreign appl: below and ha patent or :	ication ave als invento	<pre>(s) for patent o identified r's</pre>
	<u>Pr</u>	ior Foreign <i>F</i>	application(	<u>s)</u>	Priority Claimed
(Number	(Country)	(Day/Month/	Year filed)		/ / / / / / No
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(Number	(Country)	(Day/Month/	Year filed)	<del>~~~~</del>	/ / / / / / Yes No

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David E. Brook	Registration	No.	22,592
James M. Smith	Registration	No.	28,043
Leo R. Reynolds	Registration	No.	20,884
Richard A. Wise	Registration	No.	18,041
Patricia Granahan	Registration	No.	32,227
Mary Lou Wakimura	Registration	No.	31,804
Thomas O. Hoover	Registration	No.	32,470
Alice O. Carroll	Registration	No.	33,542
Carolyn S. Elmore	Registration	No.	37,567

all of Hamilton, Brook, Smith and Reynolds, P.C., Two Militia Drive, Lexington, Massachusetts 02173;

	Send c	orresponde	ence to: <u>David F</u>	E. Brook, Esq.
		HAMILTON,	BROOK, SMITH & RE	EYNOLDS, P.C.
	Two	Militia I	Prive, Lexington, N	Massachusetts 02173
	Direct	telephone	calls to: <u>David</u>	l E. Brook, Esq.
	<del></del>		(617)	861-6240
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or			Junming Le	
Inven				Date
Resid	nacure ence		33-26 92nd Street	
			Jackson Heights,	
Citiz	enship			
Post	Office	Address	Same as above	
inv Secon	entor, d Inve	f second j if any ntor/s	Jan Vilcek	Date 12/5/94
Resid	ence		180 East 79th Str	reet
			New York, New Yor	k 10021
Citiz	enship		US	
Post	Office	Address	Same as above	
Full :	name o	f third jo		
Third Sig	Invent nature	cor's	1510 Oak Creek Di	Date
Resid	ence		1510 Oak Creek Di	rive
<del>~ · · · · · · · · · · · · · · · · · · ·</del>			Palo Alto, Califo	ornia 94304
Citiz	enship	7 4 4	US	
rost (	UIIICE	Address	Same as above	

Full name of fourth j	oint
inventor, if any	John Ghrayeb
Fourth Inventor's	
Signature	Date
Residence	3202 Raye Road
	Thorndale, Pennsylvania 19372
Citizenship	US
Post Office Address_	Same as above
Full name of fifth jo	
inventor, if any	David M. Knight
Fifth Inventor's	
Signature	Date
Residence	2430 Whitehorse Road
	Berwyn, Pennsylvania 19312
Citizenship	US
Post Office Address	Same as above
Full name of sixth jo	
inventor, if any	Scott A. Siegel
Sixth Inventor's	
Signature	Date
Residence	6 Piccadilly Way
	Westborough, Massachusetts 01581
Citizenship	US
Post Office Address	Same as above

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/ <u>_</u> / i	s attached her	ceto.			
A	as filed on _ pplication Sen nd was amended	cial No	y 4, 1994 08/192,861	as (if a	applicable).
contents	ereby state the of the above- as amended by	-identified a	specificat	cion, incl	luding the
I a known by C.F.R. §	cknowledge the me to be mate 1.56.	e duty to dis erial to pate	sclose inf entability	formation y as defin	which is ned in 37
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(Number)	(Country)	(Day/Month/	Year filed	d)	/_/ /_/ Yes No
(Number)	(Country)	(Day/Month/	Year file	d)	Yes No
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James M. Smith	Registration :	No.	28,043
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Mary Lou Wakimura	Registration		
Thomas O. Hoover	Registration	No.	32,470
Alice O. Carroll	Registration	No.	33,542
Carolyn S. Elmore	Registration		

all of Hamilton, Brook, Smith and Reynolds, P.C., Two Militia Drive, Lexington, Massachusetts 02173;

	Send corresponder	nce to: <u>David E. Brook, Esq.</u>	
	HAMILTON,	BROOK, SMITH & REYNOLDS, P.C.	
	Two Militia Dr	rive, Lexington, Massachusetts 02173	
	Direct telephone	calls to: <u>David E. Brook, Esq.</u>	
		(617) 861-6240	
knowl and b state state impri Unite	edge are true and elief are believe ments were made wents and the like sonment, or both, d States Code and rdize the validit	that all statements made herein of my own at that all statements made on information and to be true; and further that these with the knowledge that willful false are so made are punishable by fine or under Section 1001 of Title 18 of the at that such willful false statements may be to of the application or any patent issued	
or Inven	tor's	Junming Le  Date  33-26 92nd Street, Apt. 3X,	
kesia	ence	Jackson Heights, New York 11372	
Citiz	enship	Chinese	
		Same as above	
	name of second jo		
		Jan Vilcek	
	d Inventor's		
	nature	Date	
Resid	lence	180 East 79th Street	
		New York, New York 10021	
	enship	US	
Post	Office Address	Same as above	
inv	name of third joi entor, if any		
Tniro	Inventor's	Caro On	
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kes10	retice	1510-Oak Creek Drive 35 Anderson very Palo Alto, California 94304 Menle PARK, CA	94025
<u> </u>	anahin	THE THEO, CALLLOINIA 34304 WEALST MICE	1 5
	<u> </u>	US Same as above	
POST	Office Address	Same as above	

Full name of fourth jo	
inventor, if any	John Ghrayeb
Fourth Inventor's	<b>D</b> 4
Signature	Date
Residence	3202 Rave Road
	Thorndale, Pennsylvania 19372
Citizenship	US
Post Office Address	Same as above
Full name of fifth jo	
inventor, if any	David M. Knight
Fifth Inventor's	
Signature	Date  2430 Whitehorse Road  Remark Pennsylvania 19312
Residence	2430 Whitehorse Road
	Berwyn, Pennsylvania 19312
Citizenship	US
Post Office Address	Same as above
Full name of sixth jo	
inventor, if any	Scott A. Siegel
Sixth Inventor's	Data
Signature	Date
Residence	Date 6 Piccadilly Way Washington 01581
	Westborough, Massachusetts 01301
Citizenship	US
Post Office Address	Same as above

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S	Send	CO	rresponde	nce to: _	David	d E. Bro	ook, Es	q.	
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I	Direc	t 1	telephone	calls to	: <u>Dav</u>	vid E.	Brook,	Esq.	
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Reside	ence_			Jackson					
Citiza	anchi	n		Chinese					
Post (	offic	۲ <u>—</u>	Address	Same as	above				
LOBC (				<u> </u>					
inve	entor	,		oint Jan Vilc	ek				
Second			tor's				D-+-		
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Keside	ence_			New York					
Citize	enshi	n			, NCW	IOIK IO	UZI_		
Post (	Offic	e i	Address	Same as					
inve	entor	of	third jo	int Peter Da					
Third									
_ Sig	natur	e_		1510 Oak			_Date		
Reside	ence_		<del></del>	<u> 1510 Oak</u>	Creek	Drive	04001		<del></del>
<u> </u>				Palo Alt	o, Cal	<u>ırornıa</u>	94304		
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rost (	JIIIC	.е	address	Same as	above				

Full name of fourth joinventor, if any	John Chraveh	
Fourth Inventor's	- Ishnayal	Date Novembu 29, 1994
Residence // /	3202 Raye Road	
	Thorndale, Pennsylvan	ia 19372
Citizenship	US	
Post Office Address	Same as above	
Full name of fifth jo		
inventor, if any	David M. Knight	
Fifth Inventor's		<b>–</b>
Signature		_Date
Residence	2430 Whitehorse Road	
	Berwyn, Pennsylvania	19312
Citizenship	US	
Post Office Address	Same as above	
Full name of sixth jo		
inventor, if any	Scott A. Siegel	
Sixth Inventor's		<b>_</b> .
Signature		_Date
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Post Office Address		

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United or invested below a certific	hereby claim f States Code, § entor's certifi any foreign app icate having a ch priority is	119 of any fo: cate listed be lication for p filing date be	reign appl elow and h patent or	ication ave alm invent	n(s) for patent so identified or's
	<u>Pri</u>	or Foreign Ap	plication	<u>(s)</u>	Priority Claimed
(Numbe	r) (Country)	(Day/Month/Y	ear filed)		/ / / / / / / / No
(Numbe:	r) (Country)	(Day/Month/Y	ear filed)		/ / / / / / / Yes No
(Numbe:	r) (Country)	(Day/Month/Y	ear filed)		$\frac{\sqrt{-1}}{\text{Yes}}$ $\frac{\sqrt{-1}}{\text{No}}$

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Alice O. Carroll Carolyn S. Elmore	Registration Registration	No.	33,542

all of Hamilton, Brook, Smith and Reynolds, P.C., Two Militia Drive, Lexington, Massachusetts 02173;

Send correspondence to: \_\_\_\_\_David E. Brook, Esq.

HAMILTO	N, BROOK, SMITH & REYNOLDS, P.C.
Two Militia	Drive, Lexington, Massachusetts 02173
Direct telepho	ne calls to: <u>David E. Brook, Esq.</u>
	(617) 861-6240
	(017) 001 0210
knowledge are true and belief are beli statements were mad statements and the imprisonment, or bo United States Code	re that all statements made herein of my own and that all statements made on information eved to be true; and further that these e with the knowledge that willful false like so made are punishable by fine or th, under Section 1001 of Title 18 of the and that such willful false statements may dity of the application or any patent issued
Full name of sole or first inventor Inventor's	•
Signature Residence	Date
•	Jackson Heights, New York 11372
Citizenship	Chinese
Post Office Address	
Full name of second inventor, if any_	
Second Inventor's	
Signature	Date
Residence	180 East 79th Street
Citigonahin	New York, New York 10021 US
Citizenship Post Office Address	
Full name of third	ioint
inventor, if any_	
Third Inventor's	
Signature	Date
Residence	1510 Oak Creek Drive
Gibin and him	Palo Alto, California 94304
Citizenship Post Office Address	US Same as above

Full name of fourth j	oint
inventor, if any	John Ghrayeb
Fourth Inventor's	
Signature	Date
Residence	3202 Raye Road
	Thorndale, Pennsylvania 19372
Citizenship	
Post Office Address	Same as above
•	
Full name of fifth jo	int
inventor, if any	David M. Knight
Fifth Inventor's	"IM Kurlet " Laur
Fifth Inventor's Signature Residence	W/ 11/ 11/10/17 Date 12/1/99
Residence	2430 Whitehorse Road /// /
	Berwyn, Pennsylvania 19312
Citizenship	US
Post Office Address	Same as above
Full name of sixth jo	int
inventor, if any	Scott A. Siegel
Sixth Inventor's	•
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Post Office Address_	Same as above
	*

# Substitute Declaration for Patent Application

As a named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated next to my name;

which a	a patent is sou	gnt on the in	ivention en	titieu	
ANT	I-TNF ANTIBODIE	S AND PEPTID	ES OF HUMAN	TUMOR N	ECROSIS
the spe	ecification of	which (check	one)		
//	is attached he	reto.			
<u>/x /</u>	was filed on _ Application Se and was amende	rial No	y 4, 1994 08/192,861	<del></del>	pplicable).
content	hereby state t ts of the above , as amended by	<pre>-identified</pre>	specificati	on, incl	uding the
known l	acknowledge th oy me to be mat §1.56.	e duty to di erial to pat	sclose info entability	rmation as defin	which is ed in 37
United or involved below a certific	hereby claim f States Code, § entor's certifi any foreign app icate having a ch priority is	119 of any f cate listed lication for filing date	oreign appl below and h patent or	ication( ave also inventor	s) for patent identified 's
	<u>Pr</u>	ior Foreign <i>l</i>	Application	<u>(s)</u>	Priority Claimed
(Numbe	r) (Country)	(Day/Month/	Year filed)		Yes No
(Numbe	r) (Country)	(Day/Month/	Year filed)		/ / / No
(Numbe	r) (Country)	(Day/Month/	Year filed)	···	/ <u>/</u> / / <u>/</u> / Yes No

08/010,406	January 29, 1993 Pending
(Application Serial No.)	(Filing date) (Status, patented, pending, abandoned)
08/013,413	February 2, 1993 Abandoned
(Application Serial No.)	(Filing date) (Status, patented, pending, abandoned)
07/943,852	September 11, 1992 Abandoned
(Application Serial No.)	(Filing date) (Status, patented, pending, abandoned)
07/853,606	March 18, 1992 Abandoned
(Application Serial No.)	(Filing date) (Status, patented, pending, abandoned)
07/670,827	March 18, 1991 Abandoned
(Application Serial No.)	(Filing date) (Status, patented, pending, abandoned)

As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith.

I also hereby grant additional Powers of Attorney to the following attorney(s) and/or agent(s) to file and prosecute an international application under the Patent Cooperation Treaty based upon the above-identified application, including a power to meet all designated office requirements for designated states.

David E. Brook	Registration	No.	22,592
James M. Smith	Registration	No.	28,043
Leo R. Reynolds	Registration	No.	20,884
Richard A. Wise	Registration	No.	18,041
Patricia Granahan	Registration	No.	32,227
Mary Lou Wakimura	Registration	No.	31,804
Thomas O. Hoover	Registration	No.	32,470
Alice O. Carroll	Registration	No.	33,542
Carolyn S. Elmore	Registration	No.	37,567

all of Hamilton, Brook, Smith and Reynolds, P.C., Two Militia Drive, Lexington, Massachusetts 02173;

Send	corresponde	ence to: <u>David E. Brook, Esq.</u>
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T	wo Militia I	Orive, Lexington, Massachusetts 02173
Direc	ct telephone	e calls to: <u>David E. Brook, Esq.</u>
		(617) 861-6240
knowledge and belief statements statements imprisonme United Sta	are true and are believed were made and the limited areas code areas code areas areas code areas co	that all statements made herein of my own and that all statements made on information wed to be true; and further that these with the knowledge that willful false ike so made are punishable by fine or an under Section 1001 of Title 18 of the and that such willful false statements may be the application or any patent issued
	inventor_	Junming Le
Inventor's	5 ^e	Date
Residence_		Date 33-26 92nd Street, Apt. 3X, Jackson Heights, New York 11372
		Jackson Heights, New York 11372
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Citizenshi	n	US
		Same as above
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Citizenship	
Post Office Address	
FOSC Office Address	Dame as asove

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### <u>Substitute</u> Declaration for Patent Application

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the spe	ecification of	which (check one)		
/	is attached he	reto.		
<u>/x /</u>	Application Se	February 4, 1994 as rial No. 08/192,861 d on (in	f applicable).	
content	s of the above	hat I have reviewed and under -identified specification, in any amendment referred to al	ncluding the	
I acknowledge the duty to disclose information which is known by me to be material to patentability as defined in 37 C.F.R. §1.56.				
I hereby claim foreign priority benefits under Title 35, United States Code, §119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:				
	<u>Pr</u> :	ior Foreign Application(s)	Priority Claimed	
(Numbe:	r) (Country)	(Day/Month/Year filed)	/ / / / No	
(Numbe:	r) (Country)	(Day/Month/Year filed)	// // Yes No	
(Numbe	r) (Country)	(Day/Month/Year filed)	Yes No	

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Alice O. Carroll	Registration		
Carolyn S. Elmore	Registration	No.	37,567

all of Hamilton, Brook, Smith and Reynolds, P.C., Two Militia Drive, Lexington, Massachusetts 02173;

	Send c	orresponde	nce to:	David E. Br	rook, Esc	<u>.                                    </u>
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	Direct	telephone	calls to:	David E.	Brook, E	Isq.
				(617) 863	1-6240	
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Full	name o	f sole				
or	first	inventor	Junming Le			
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Secon	nd Inve	ntor's			D-4-	
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	zenship		Same as ab	0170		
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	zenship			0110		
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Fifth Inventor's	Data
Signature	Date  2430 Whitehorse Road
Residence	2430 Whitehorse Road
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Citizenship	US
Post Office Address	Same as above
Full name of sixth jo	int
	Scott A. Siegel
Sixth Inventor's	
Signature	Date
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Citizenship	US
Post Office Address	

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